



2/2/04

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Steve A. Yon, et al.

Title: SYSTEM AND METHOD FOR INDUCING HYPOTHERMIA WITH ACTIVE PATIENT TEMPERATURE CONTROL EMPLOYING CATHETER-MOUNTED TEMPERATURE SENSOR AND TEMPERATURE PROJECTION ALGORITHM

Serial No.: 10/767,782 Examiner: Not Yet Known

Filed: January 28, 2004 Group Art Unit: 3739

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

The following items are being submitted for this Information Disclosure Statement:

1. X Preliminary Statements
2. X FORM PTO - 1449

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1. Preliminary Statements

Applicants cite herewith patents, publications or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56.

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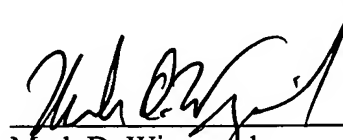
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No fee is believed to be due in connection with this submission as this Information Disclosure Statement is being filed within three (3) months of the application filing date or before receipt of the First Office Action.

However, if any fees are required in connection with this paper, authorization is hereby given to the Commissioner for Patents to charge same to Deposit Account No. 50-0914.

Date:

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PTO/SB/O8B (10-96)

Approved for use through 10/31/99, OMB 0651-0031

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 4

Complete if Known

Application Number	10/767,782
Filing Date	January 28, 2004
First Named Inventor	Yon
Group Art Unit	3739
Examiner Name	Not Yet Known
Attorney Docket Number	135001

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publications of Cited document MM-DD-YYYY	Pages, Column, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
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	A2	20010002442		Dobak, III	05/31/01	
	A3	20010014802		Tu	08/16/01	
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	A9	4,707,587		Greenblatt	11/17/87	
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
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			Group Art Unit	3739	
			Examiner Name	Not Yet Known	
Sheet	2	of	4	Attorney Docket Number	135001

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FOREIGN PATENT DOCUMENTS								
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publications of Cited document MM-DD-YYYY	Pages, Column, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	B1	WO	WO 01/87174		Atrionix	11/22/01		
	B2	WO	WO 02/19934		Atrionix	03/14/02		
	B3	EP	EP0696176B1		Blosense Webster, Inc.	07/03/02		
	B4	EP	EP0428505B2		Gambro Lundia AB	03/14/01		

		OTHER PRIOR ART—NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C1	Anon; "Automatic Feedback Instrumentation for Hospital Room Utilizing Microsensors"; IBM Technical Disclosure Bulletin; Vol. 29, No. 3, page 1320 (August 1986).	
	C2	Babbs, Charles F. et al.; "Theoretical Basis for Controlling Minimal Tumor Temperature During Interstitial Conductive Heat Therapy"; IEEE Transactions on Biomedical Engineering, Vol. 37, No. 7; pages 662-672 (July 1990).	
	C3	Behmann, F.W., et al.; "Heat Generation Control during Artificial Hypothermia: I: Experimental Examination of the Influence of Anesthetic Depth"; Pflügers Archiv, Bd. 266, S. 408-421 (1958) (German article with English translation).	
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	C8	Benzinger MD, Maria; "Tympanic thermometry in surgery and anesthesia"; JAMA; Vol. 209, No. 8; pages 1207-1211 (August 25, 1969).	

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	C9	Bone, M.E., et al.; "Bladder Temperature as an Estimate of Body Temperature During Cardiopulmonary Bypass"; Anaesthesia; Vol. 43; pages 181-185 (1988).	
	C10	Carroll, Diane L., et al.; "A comparison of measurements from a temporal artery thermometer and a pulmonary artery thermistor—preliminary results"; available at http://pcs.mgh.harvard.edu/CCPD/Nursing_Research/Research_Abstracts_2003.asp#temporal	
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	C12	DeFord, J. A. et al.; "Design and Evaluation of Closed-Loop Feedback Control of Minimum Temperatures in Human Intracranial Tumours Treated with Interstitial Hyperthermia"; Med. & Biol. Eng. & Comput.; Vol. 29; pages 197-206 (March 1991).	
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	C16	Haley, et al.; "A Randomized Tirilazad Mesylate in Patients with Acute Stroke (RANTTAS). The RANTTAS Investigators"; Stroke; Vol. 27, No. 9; pages 1453-1458 (1996).	
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	C21	Jackson, Donald, et al.; "Hypothermia : IV. Study of Hypothermia Induction Time with Various Pharmacological Agents (24617)"; Proc Soc Exp Biol Med.; 100(2): 332-335 (February 1959).	
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